PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(\$) 210.00

ETF	RAN	ISMIT	TAL
for	FY	2004	

Effective 1010112003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete If Known						
Application Number	10/750,552					
Filing Date	January 2, 2004					
First Named Inventor	Chen Ding					
Examiner Name	Unassigned					
Art Unit	Unassigned					
Attorney Docket No.	000687-00313					

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)								
Check Credit card Money other None			3. ADI	. ADDITIONAL FEES							
Deposit Account:			Large	Entity	Small I	Entity	_				
Deposit Account Number	23-2185			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Deposit	Blank Ror	melip		1051	130	2051	65	Surcharge - late filing fee or oath			
Account Name	Dialik Noi	ile LLF		1052	50	2052	25	Surcharge - late provisional filing feè or cover sheet			
The Director is a	uthorized to:	(check all that apply)		1053	130	1053	130	Non-English specification			
_	(s) indicated			1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
= ' '		s) or any underpayment of selow, except for the fill		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-ide			19 100								
	FEE	CALCULATION		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1. BASIC FIL	ING FEE			1251	110	2251	55	Extension for reply within first month			
				1252	420	2252		Extension for reply within second month	210.00		
Large Entity	Small Er			1253	950	2253		Extension for reply within third month			
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	Fee Paid	1254 1255	1,480 2,010	2254 2255		Extension for reply within fourth month  Extension for reply within fifth month			
Code (\$) 1001 770	2001 38	5 Utility filing fee		1401	330	2401		Notice of Appeal	-		
1002 340	2002 17	•	<del>                                     </del>	1402	330	2402		Filing a brief in support of an appeal			
1003 530	2003 26			1403	290	2403	145	Request for oral hearing			
1004 770	2004 38	5 Reissue filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1005 160	2005 8	Provisional filing fe	e	1452	110	2452	55	Petition to revive - unavoidable			
	S	UBTOTAL (1)	(\$) .00	1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA C	LAIM FEE	S FOR UTILITY A	ND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)			
Fee from Extra Claims below Fee Paid			1502	480	2502	240	Design issue fee				
Total Claims	37 - 3	7 " =   -20 X	= 0	1503	640	2503	320	Plant issue fee			
Independent 2 - 3 " = -3 X = 0			1460	130	1460	130	Petitions to the Commissioner				
Claims Multiple Dependent = 0			1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity	Small Entity	,		1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee		5 0		8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
Code (\$) 1202 18		(\$) <u>Fee Description</u> 9 Claims in excess of 20			770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1201 86	2201 4	43 Independent claims in excess of 3			770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
1203 290	2203 14	IS Multiple dependent claim, if not paid 1801 77 2810 385 Request for Continued Examination (RCE)									
1204 86	2204 4	3 ** Reissue indepe over original p		1802	90	1802	900	Request for expedited examination of a design application			
1205 18	2205	9 ** Reissue claims over original pa	in excess of 20	Other fe	e (Specify	)					
SUBTOTAL (2) (\$) .00 "or number previously paid, if greater; For Reissues, see above				* Reduci	ed by Bas	ic Filing Fe	ee Paid	SUBTOTAL (3)	(\$) 210.00		
SUBMITTE								(Complete (if applicable))			
					Redistration	on No.	28,41		-		
Name (Print/Type) Michael C. Greenbaum			-4	Registration (Attorney)	Agent)	28,41	9 Telephone 202-772-5800				
Signature							Date August 16, 2004				
Correspondence Address:  Blank Rome LLP 600 New Hampshire Avenue, N.W. Washington, D.C. 20037 Fax: 202-572-8398 Customer No.: 27557											

Docket No.

000687-00313

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Chen Ding

SERIAL NO:

10/750,552

FILED:

January 2, 200

GAU:

Unassigned

**CONFIRMATION NO: 5538** 

EXAMINER: Unassigned

FOR:

SING REUSE SIGNATURES TEMPORAL AFFINITY A

### TRANSMITTAL

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir.

Responsive to the Notice of Incomplete Reply (NonProvisiona)l mailed July 29, 2994, enclosed are the following documents to complete the formal filing requirements in the above-identified application:

- A copy of the Notice of Incomplete Reply (NonProvisional)
- X Response to Notice of Incomplete Reply (NonProvisional)
- X Fee Transmittal (in duplicate)
- Petition for Extension of Time (Two-Months) (in duplicate) X
- Submission of Formal Drawings. X
- Three (3) Sheets of formal drawings. X
- Check in the amount of \$210.00. X
- The Commissioner is hereby authorized to charge any additional fees or credit any payment to Deposit Account No. 23-2185 (000687-00313). A duplicate copy of this letter is attached.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

BLANK ROME LLP

THE WATERGATE BUILDING **SUITE 1100** 600 NEW HAMPSHIRE AVENUE WASHINGTON, DC 20037 TEL (202) 772-5838 FAX (202) 572-1438

> Michael C. Greenbaum Registration No. 28,419

Date: August 16, 2004

PTO/SB/22 (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

J.	der the Paperv	ork Rec	luction Act of 1995, no persons are	required	to res	pond to a c	ollection	and i	rademark Office; ormation unless it	displays a	valid OMB cont	rol number.
WET	TION FO	REXT	ENSION OF TIME UND	ER 37	CFR	1.136(a	a)	Do	cket Number:	000687	-003 <b>\$</b> 3	
Addison					In re application of: Chen Ding							·
Address to:		Application Number: 10/750,552 Filed							January 2	, 2004		
Commissioner for Patents P.O. Box 1450 Alexandria. VA 22313-1450		For:	For: TEMPORAL AFFINITY ANALYSIS						G REUSE .			
		Art U	nit:	5538			Examiner:	Unassi	gned			
	is a request cation.	under	the provisions of 37 CFR 1	.136(a	) to e	xtend the	period	d for	filing a reply i	n the abo	ve identified	
The	·		on and appropriate non-sma th (37 CFR 1.17(a)(1))	all-entity	y fee	are as fo	llows (	chec	k time period	_	3	
	⊠ Two	o mon	ths (37 CFR 1.17(a)(2))							\$	3	420.00
	☐ Thr	ee mo	onths (37 CFR 1.17(a)(3)	)						9	3	
	☐ Fou	ır mor	oths (37 CFR 1.17(a)(4))							9		
	☐ Five	e mon	ths (37 CFR 1.17(a)(5))							\$	S	
$\boxtimes$			s small entity status. See ulting fee is: 210.00	37 CF	FR 1.	27. The	refore	, the	fee amount	shown	above is	
$\boxtimes$	A check in	the a	amount of the fee is encl	osed.								
	Payment	by cre	dit card. Form PTO-2038	3 is att	ache	d.						
$\boxtimes$	The Direc	tor ha	s already been authorize	d to cl	narge	e fees in	this a	appli	cation to a D	eposit A	ccount.	
			hereby authorized to cha ount Number 23-2185	rge an	y fee	s which	may l	be r	equired, or c	redit any	overpaym	ent,
	I have en	closed	d a duplicate copy of this	sheet.								
	I am the		applicant/inventor									
			assignee of record of th Statement under 37 CFR	e entir 3.73(b)	e inte	erest. Se	ee 37 Form F	CFF PTO	R 3.71. 'SB/96).			
		$\boxtimes$	attorney or agent of rec	ord. F	Regist	tration N	lumbe	er	28,419			
			attorney or agent under Registration number if				-			·		
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		A	ugust 16, 2004						Michael C. G	reenbau	ım	
Date									Typed or prin			
	: Signatures of ture is required,		nventors or assignees of record of ow.	the entire	intere	st or their re	epresent	tative	s) are required. S	ubmit multi	ple forms if mor	e than one
$\boxtimes$	Total	2 (0	original + duplicate) for	orms are	sübn	nitted.						

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No.

000687-00313

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Chen Ding

**CONFIRMATION NO: 5538** 

SERIAL NO:

10/750,552

GAU:

Unassigned

FILED:

January 2, 2004

EXAMINER: Unassigned

FOR:

TEMPORAL AFFINITY ANALYSIS USING REUSE SIGNATURES

### RESPONSE TO NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450



Sir:

This is filed in response the Notice of Incomplete Reply mailed July 29, 2004. The Notice requires replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121. Applicant files herewith replacement drawings having the appropriate margins prescribed by 37 CFR 1.84(g). Please enter the drawings into the application prior to examination.

In the event that there are any questions relating to this Response or to the application in general, it would be appreciated if the examiner would telephone the undersigned attorney concerning such questions so that the prosecution of this application may be expedited.

Please charge any shortage or credit any overpayment of fees to BLANK ROME LLP, Deposit Account No. 23-2185 (000687-00313). In the event that a petition for an extension of time is required to be submitted herewith and in the event that a separate petition does not accompany this response, applicant hereby petitions under 37 C.F.R. 1.136(a) for an extension of time for as many months as are required to render this submission timely.

Any fees due are authorized above.

THE WATERGATE BUILDING **SUITE 1100** 600 NEW HAMPSHIRE AVENUE WASHINGTON, DC 20037 TEL (202) 772-5838 FAX (202) 572-1438

**BLANK ROME LLP** 

Miehael C. Greenbaum Registration No. 28,419

Date: August 16, 2004

Docke 000687-00313

THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Chen Ding

**CONFIRMATION NO: 5538** 

SERIAL NO:

10/750,552

GAU:

Unassigned

FILED:

January 2, 2004

EXAMINER: Unassigned

FOR:

TEMPORAL AFFINITY ANALYSIS USING REUSE SIGNATURES

## SUBMISSION OF FORMAL DRAWINGS

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The Applicants, through counsel, hereby submit three (3) sheets of formal drawings containing Figures 1A, 1B, 1C, 1D, 2A, 2B, 2C, 3, and 4 in lieu of the drawings filed originally with this application on January 2, 2004.

**BLANK ROME LLP** 

THE WATERGATE BUILDING **SUITE 1100** 600 NEW HAMPSHIRE AVENUE WASHINGTON, DC 20037 TEL (202) 772-5838 FAX (202) 572-1438

> Michael C. Greenbaum Registration No. 28,419

Date: August 16, 2004



### United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO. DOX 1450 Alexandria, Virgins 22313-1450

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/750,552

01/02/2004

Chen Ding

000687-00313

27557 BLANK ROME LLP 600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 CONFIRMATION NO. 5538 FORMALITIES LETTER
\*OC000000013379610\*

Date Mailed: 07/29/2004

# NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

### Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 06/24/2004 to the Notice to File Missing Parts (Notice) mailed 04/16/2004 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application. Replies should be mailed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - Numbers, letters, and reference characters on the drawings must measure at least
     0.32 cm (1/8 inch) in height. See Figure(s) 2A to 2C.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.